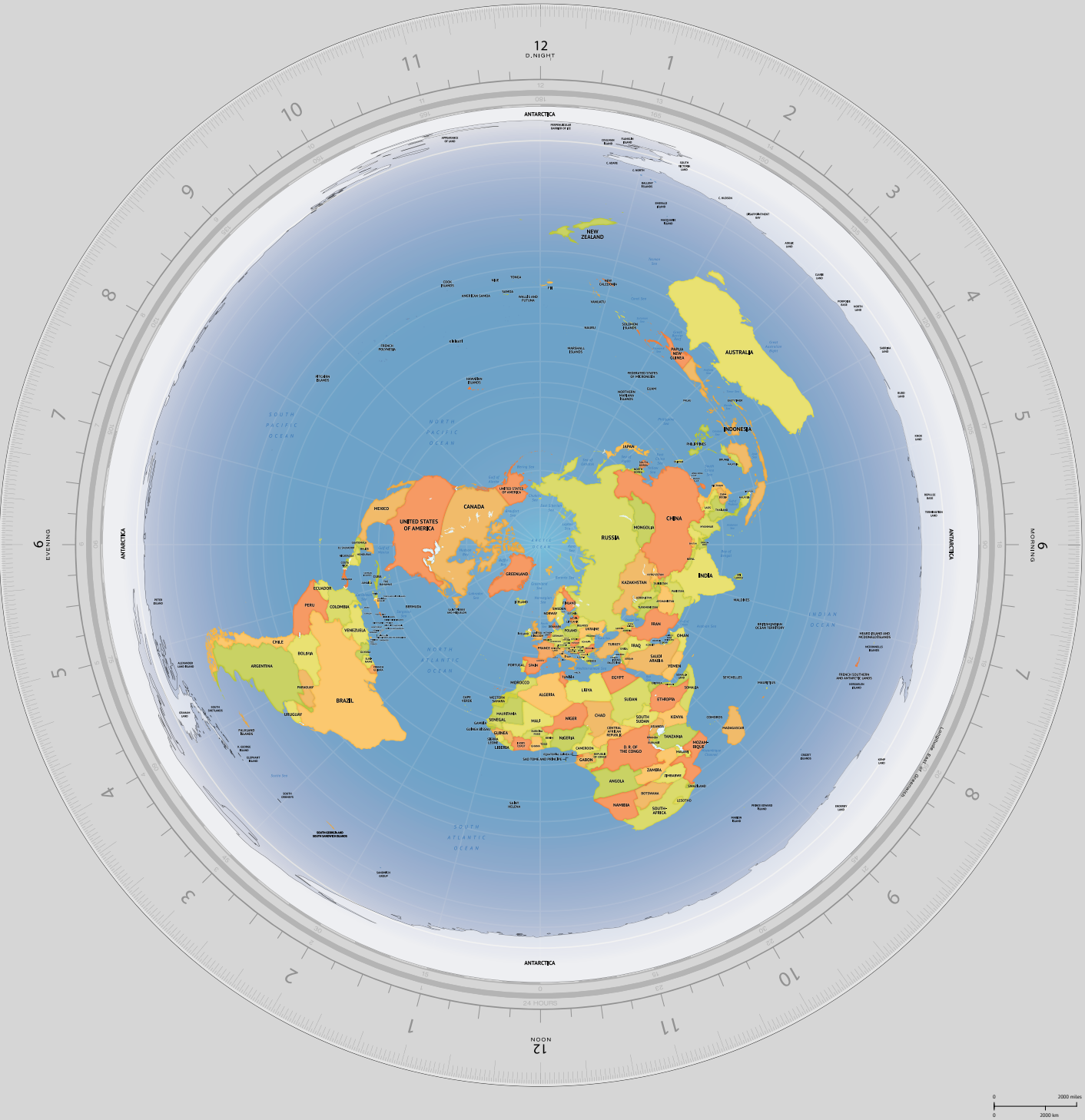


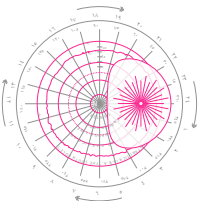
THE AZIMUTHAL EQUIDISTANT
The Actual & Real drawing

MAP OF THE WORLD
ILLUSTRATED ON THE SCIENTIFICALLY AND PRACTICALLY AZIMUTH PROJECTIONS of Distances & Proportions

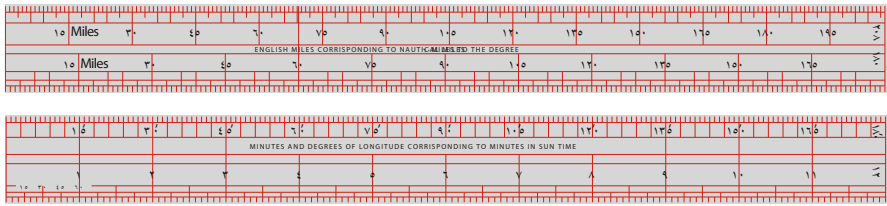
w/Longitude & Time calculator



The azimuthal equidistant projection is an azimuthal map projection. It has the useful properties that all points on the map are at proportionally correct distances from the center point, and that all points on the map are at the correct azimuth (the direction from the center point).

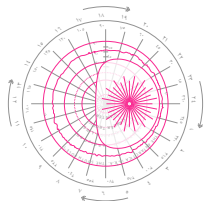


ON DECEMBER THE SUN MOVES AROUND THE TROPIC OF CANCER, AND DURING THE DAYLIGHTS OF THE SOUTHERN HEMISPHERE OF THE EARTH FROM THE ARCTIC CIRCLE TO SOME PORTION OF THE ANTARCTIC. I.E. THERE IS NO WINTER IN THE SOUTH, BUT LONGER DURATION OF WINTER IN THE NORTH. THE SUN COMPLETES ITS WINTER JOURNEY, RETURNING TO ITS STARTING PLACE, AND THEN COMPLETES THE SEASON.



The upper portion of this scale shows the relations that ENGLISH or LAND MILES suit to NAUTICAL or SEA MILES, sometimes call lower half shows minutes and degrees of the arc as compared to SUN TIME. By laying straight-edge across the scale, it shows the

relations of all divisions.



IN THE FIGURES JUNE AND DECEMBER, THE WHITE CIRCLE REPRESENT THE SUN'S POSITION IN ITS RESPECTIVE MONTHS, AT NOON. THIS SHOWS SUNLIGHT UNDER THE ARCTIC CIRCLE THROUGHOUT. FROM ARCTIC SUN MOVES AROUND THE TROPIC IN A CIRCULAR, RETURNING EVERY DAY UNTIL IT REACHES ITS DESTINY ON THE SOUTHERN OR SOUTHERLY SOLSTICE ON DECEMBER.